

**FLANGED VORTEX FLOWMETER WITH  
UNITARY TAPERED EXPANDERS**

ABSTRACT OF THE DISCLOSURE

A manufacturing procedure of a vortex flowmeter is disclosed that allows for assembly of a vortex sensor assembly with one of two or more unitary flowtubes that have bores that are smaller than the flowtube flanges in two or more size number steps. The unitary flowtubes include flanges, flowtube bores and expanders (also called reducers) that provide a smooth flow transition from the larger flanges to the smaller bores.